

WHAT IS CLAIMED IS:

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AI  
1. An apparatus for calculating decision parameters in an  
IMT-2000 system, the IMT-2000 system having a mini-slot  
5 selection unit for selecting a mini-slot position wherein a  
decision parameter is selected and a decision parameter  
selection unit for selecting one decision parameter from the  
calculated decision parameters, said apparatus comprising:

10 a correlation value calculation unit having a number of  
correlation value calculators, each of which calculates a  
correlation value between selected information that is  
selected at the mini-slot selection unit and one of capable  
input signals; and

15 a correlation circuit control unit having a number of  
correlation circuit controllers each of which receives a  
correlation value from a corresponding one of the correlation  
value calculators and compares the received correlation value  
to a predetermined threshold value during a predetermined  
monitoring section, and controlling the operation of each of  
20 the correlation value calculators by using each of the  
comparing results.

2. An apparatus as recited in claim 1, wherein the  
predetermined monitoring section is obtained by dividing a  
25 total monitoring section of each of the correlation value  
calculators.

3. An apparatus as recited in claim 1, wherein said threshold value is determined in order to determine whether one of the correlation value calculators operates or not during the total monitoring section.

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4. An apparatus for calculating decision parameters in an IMT-2000 system, the IMT-2000 system having a mini-slot selection unit for selecting a mini-slot position wherein a decision parameter is selected and a decision parameter selection unit for selecting one decision parameter from the calculated decision parameters, said apparatus comprising:

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a correlation value calculation unit having a number of correlation value calculators, each of which calculates a correlation value between selected information that is selected at the mini-slot selection unit and one of capable input signals; and

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a ranking determination unit receiving each of correlation values provided from each of the correlation value calculators during a predetermined monitoring section, ranking the correlation values and selectively operating the correlation value calculators according to the rank of the correlation values.

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5. An apparatus as recited in claim 1, wherein the predetermined monitoring section is obtained by dividing a total monitoring section of each of the correlation value calculators.

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- 5 6. An apparatus as recited in claim 1, wherein said ranking determination unit operates a predetermined number of high ranked correlation value calculators and stops the operation of the other correlation value calculators that are not high ranked during a remaining total monitoring section.

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